



WALWORTH
Since 1842

Industrial de Valvulas, S.A de C.V.
Av. de La Industria Lote 16 Fracc. Industrial El Trebol
Tepozotlan, Estado de Mexico C.P. 54600

(Numero) Number
(Fecha) Date

V07C33290
26/10/2007

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO

WE CERTIFY THAT THE PRODUCT LISTED BELOW WAS DESIGNED, MANUFACTURED AND TESTED ACCORDING TO OUR QUALITY SYSTEM AND REQUIREMENTS GIVEN IN ONE OR MORE OF THE FOLLOWING STANDARDS:
(CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PRABADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES)

- API 598 - VALVE INSPECTION AND TESTING
- API 599 - METAL PLUG VALVES - FLANGED, THREADED AND WELDING
- ANSI B16-10 - FACE TO FACE AND END TO END DIMENSIONS OF VALVES
- ANSI B16-34 - VALVES - FLANGED, THREADED AND WELDING ENDS
- MSS-SP61 - PRESSURE TESTING OF STEEL VALVES
- API 6D - PIPELINE VALVES - GATE, PLUG, BALL ANF CHECK
- API 600 - STEEL GATE VALVES, FLANGED AND WELDING ENDS
- ANSI B16-11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
- API 602 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. **AC061A12MAB**

(Codigo) **6" Fig. 5202 F 3HF WCB, API TRIM No.12 790000M**

Description **CAST STEEL GATE VALVE
(VALVULA COMPUERTA DE ACERO FUNDIDO)**
MANUFACTURED TO MEET NACE MR-01-75-2003 REQUIREMEN *TS AND LOW FUGITIVE EMISSIONS CONTROL.
(VALVULA SERVICIO NACE MR-01-75 *Y CONTROL DE EMISIONES FUGITIVAS 50 PPM'S)

TEST	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
PRESSURE TEST (PRUEBAS DE PRESION)	450	450	N/A
HYDROSTATIC (PSD) (HIDROSTATICA)	450	450	N/A
PNEUMATIC (PSD) (NEUMATICA)	80	80	80

MECHANICAL TESTS (PROB. MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI (CVN/g)	YIELD KPSI (IST)	ELG % (2ND)	RED % (3RD)	BHN (AVG)
BONNET BONETE	WH19605	ASTM A-216/WCB	0.193	0.935	0.014	0.006	0.496	0.035	0.046	0.019	0.023	0.002		76.56	42.05	35	48	153
BODY CUERPO	WH21344	ASTM A-216/WCB	0.196	0.951	0.020	0.010	0.488	0.044	0.055	0.015	0.022	0.002		87.15	38.72	28	48	160
WEDGE DISCO	D4837	ASTM A-216/WCB	0.210	0.860	0.021	0.015	0.420	0.030	0.092	0.021	0.036	0.002		77.43	46.98	28	46	168

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD

CERTIFIED BY: QUALITY ASSURANCE

Sandra Ruiz